

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 03/01004

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: B41M 1/06, G03F 7/00, B81C 1/00**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: B41M, G03F, B81C, B82B, B29D**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 0000868 A1 (REGENTS OF THE UNIVERSITY OF MINNESOTA), 6 January 2000 (06.01.00) --	1-12
A	WO 0153889 A1 (OBDUCAT AKTIEBOLAG), 26 July 2001 (26.07.01) --	1-12
A	US 5512131 A (KUMAR ET AL), 30 April 1996 (30.04.96) --	1-12
A	US 6380101 B1 (BREEN ET AL), 30 April 2002 (30.04.02) -----	1-12

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

**25 August 2003**

Date of mailing of the international search report

**15 -09- 2003**Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. + 46 8 666 02 86

Authorized officer

**Christer Bäcknert / JA A**  
Telephone No. + 46 8 782 25 00

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

26/07/03

International application No.  
PCT/SE 03/01004

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0000868 A1	06/01/00	AU	759373 B	10/04/03
		AU	1021900 A	22/05/00
		CA	2349629 A	11/05/00
		CN	1309784 T	22/08/01
		EP	1127107 A	29/08/01
		JP	2002528115 T	03/09/02
		US	6309580 B	30/10/01
		US	6518189 B	11/02/03
		US	6537812 B	25/03/03
		US	2002167117 A	14/11/02
		US	2003034329 A	20/02/03
		WO	0026347 A	11/05/00
<hr/>				
WO 0153889 A1	26/07/01	AU	2470600 A	18/08/00
		AU	2898701 A	31/07/01
		EP	1257878 A	20/11/02
		SE	517093 C	16/04/02
		SE	0000173 A	22/07/01
		US	D447016 S	28/08/01
		US	2003127580 A	10/07/03
<hr/>				
US 5512131 A	30/04/96	US	5900160 A	04/05/99
		US	6180239 B	30/01/01
<hr/>				
US 6380101 B1	30/04/02	GB	0109462 D	00/00/00
		GB	2368190 A	24/04/02
		JP	2002060979 A	28/02/02